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| Application No. | Applicant(s)    |
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| 10/632,545      | BRLETICH ET AL. |
| Examiner        | Art Unit        |

Ernesto Garcia

3679

| 7 | Rejected |
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| - | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |  |
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| _ | Interference |  |

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|                        |  |                                       |                  |  |          | _         | J        |          |  | L        | _ |
|------------------------|--|---------------------------------------|------------------|--|----------|-----------|----------|----------|--|----------|---|
| Cla                    | im   | Date                                  |                  |  |          |           |          | 1        |  |          |   |
| Lie                    | 2(11)  |                                       |                  | <u> </u>                               |          | ומכ       |          | <u> </u> | Т                                      |          | 1 |
| Final                  | Original   | 12/6/04                               | 3/22/05          | 6/27/05                                | 2/20/06  | 90/2/9    | 10/11/06 | 2/6/07   | 7/25/07                                |          |   |
|                        | 1  | ✓                                     | <b>√</b>         | √                                      | <b>√</b> | <b>√</b>  | <b>√</b> | <b>√</b> | √                                      |          | 1 |
|                        | 1<br>2<br>3<br>4<br>5<br>6<br>7  | 1                                     | ✓                | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | ンマンマンマン  | ンマンマン     | ンマンマン    | ンマンシン    | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> |          | 1 |
|                        | 3  | ✓                                     | √                | ✓                                      | ✓        | √         | <b>√</b> | <b>√</b> | ✓                                      |          | 1 |
|                        | 4  | V                                     | ✓                | ✓                                      | <b>√</b> | ✓         | √        | ✓        | ✓                                      |          | 1 |
|                        | 5  | V                                     | ✓                | ✓                                      | <b>√</b> | √         | √        | √        | √                                      |          | ] |
|                        | 6  | ✓                                     | <b>√</b>         | <b>√</b>                               | 7        | ✓         | ✓        | √        | √                                      |          | ] |
|                        |  | ✓                                     | 7                | ✓                                      | <b>√</b> | <b>√</b>  | ✓        | √        | √                                      |          | ] |
|                        | 8  | ✓                                     | >                | √<br>=                                 | √        | ✓         | √        | <u>√</u> | √<br>√                                 |          | ] |
|                        | 9  | √                                     | >                | =                                      | =        | =         | =        | _        | =                                      |          | ] |
|                        | 10   | ✓                                     | 0                | _                                      | ŀ        | $ \cdot $ | Ŀ        | Ŀ        | -                                      |          | ] |
|                        | 11   | ✓                                     | 0                | =                                      | =        | =         | =        | =        | =                                      |          | J |
| L                      | 12   | √                                     | >>>>>>>>>>>>>>>> | =                                      | =        | =         | =        | =        | =                                      | <u> </u> | ļ |
|                        | 13   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 0                | =                                      | =        | =         | =        | =        | =                                      |          | ļ |
|                        | 14   | ✓                                     | 0                | =                                      | ·=       | =         | =        | =        | =                                      |          | 1 |
|                        | 15   | 0<br>0<br>1<br>1                      | =                | =                                      | =        | =         | =        | =        | =                                      | <u>L</u> | 1 |
|                        | 16   | 0                                     | II               | =                                      | =        | =         | =        | =        | =                                      | _        |   |
|                        | 17   | ✓                                     | -                | ŀ                                      | -        | -         | -        | Ŀ        | <u> </u>                               | <u> </u> | 1 |
|                        | 18   | ✓                                     |                  | Ŀ                                      | ·        | ·         | _        | Ξ        | <u> </u>                               | _        | 1 |
|                        | 19   | V                                     | •                | -                                      | Ŀ        | -         | ٠        | Ŀ        | -                                      | <u> </u> | 1 |
|                        | 20   | V                                     | ٠                | -                                      | _        | -         | ·        | Ŀ        | <u> </u>                               | L        | 1 |
| <u> </u>               | 21   | _                                     | Z                | <b>√</b>                               | ✓        | ✓         | N        | ✓        | <u> </u>                               |          | 1 |
|                        | 22   |                                       | Z                | N                                      | N        | Z         | Z        | N        | -                                      | <u> </u> | 1 |
|                        | 23   |                                       | Z                | N                                      | Ν        | Z         | Ν        | Z        | -                                      | _        | ł |
|                        | 24   | <u> </u>                              |                  |  |          |           |          | _        | <u> </u>                               | _        | ł |
|                        | 25   | L                                     |                  |  |          |           |          | _        | <u> </u>                               | ļ        | l |
|                        | 26   | _                                     | -                |  |          | _         | _        |          |  | _        | l |
|                        | 27   | ⊢                                     | _                |  | _        |           | _        | _        |  |          | ł |
|                        | 28   | ⊢                                     | -                | _                                      |          |           | _        |          |  |          | ł |
|                        | 29   | H                                     |                  |  |          | -         |          |          | _                                      | _        | ł |
| Н                      | 30   | H                                     | -                |  | _        |           | _        | _        |  | <u> </u> | ł |
| <del>  </del>          | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33<br>34<br>35<br>36<br>37<br>38 | $\vdash$                              | $\vdash$         |  |          | $\vdash$  | $\vdash$ | <u> </u> | $\vdash$                               | -        | 1 |
| <del>  -  </del>       | 32   | $\vdash$                              | $\vdash$         | _                                      |          | $\vdash$  | $\vdash$ |          | $\vdash$                               |          | ł |
| $\vdash\vdash\vdash$   | 34   |                                       | Н                |  |          | Н         |          |          | $\vdash$                               | <b>—</b> | 1 |
| $\vdash \vdash$        | 35   |                                       |                  | _                                      |          |           |          |          | -                                      |          | 1 |
| $\vdash\vdash\vdash$   | 36   | $\vdash$                              |                  |  | _        | $\vdash$  |          |          |  | _        | ł |
| $\vdash$               | 37   |                                       | $\dashv$         |  | _        |           | Н        | _        | _                                      | _        | l |
| $\vdash$               | 38   | _                                     | -                | -                                      |          | -         | -        |          |  |          | l |
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| $\vdash$               | 40   | _                                     | $\dashv$         | $\dashv$                               |          |           | -        |          | -                                      |          | ł |
|                        | 41   | H                                     | -                |  | -        |           | Н        | -        |  | _        | l |
| $\vdash$               | 42   | H                                     |                  |  |          | $\vdash$  | Н        |          |  | _        | ۱ |
| $\vdash \vdash \vdash$ | 43   | $\vdash$                              | $\exists$        | $\neg$                                 | =        |           | $\vdash$ | $\vdash$ |  |          | ۱ |
|                        | 44   | $\vdash$                              |                  | $\dashv$                               |          | $\vdash$  | $\vdash$ | $\vdash$ | _                                      |          | l |
|                        | 45   | $\vdash$                              |                  | -                                      | =        | $\vdash$  | $\vdash$ | -        |  |          |   |
| $\vdash$               | 46   | $\vdash$                              |                  | $\dashv$                               |          | $\dashv$  | $\vdash$ |          | $\vdash$                               |          |   |
| $\vdash$               | 47   |                                       |                  | $\dashv$                               |          |           |          | $\dashv$ | $\vdash$                               | _        |   |
|                        | 48   |                                       |                  | $\dashv$                               | -        |           |          |          | $\vdash$                               |          |   |
|                        | 49   | $\dashv$                              | $\neg$           |  | $\neg$   | $\neg$    |          |          | $\neg$                                 |          |   |
|                        | 50   |                                       | $\dashv$         | $\dashv$                               | 一        | $\neg$    |          | $\neg$   |  |          |   |

| Cla       | Claim    |           | Date         |  |  |  |          |              |          |  |  |
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| Final     | Original |           |              |  |  |  |          | ١.           |          |  |  |
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|           | 51       | ┢         |              | ┢  |  | $\vdash$   | _        | _            | 1        |  |  |
|           | 52       | _         |              |  |  |  | $\vdash$ | ┢            | Т        | _  |  |
| <b> </b>  | 52<br>53 | H         | <del> </del> | $\vdash$   |  |  | -        | ├─           | $\vdash$ |  |  |
| <b></b>   | 54       | _         |              | $\vdash$   | $\vdash$                                     |  | _        | ┢            | $\vdash$ | <del>                                     </del> |  |
| -         | 55       | _         | -            | $\vdash$   | H  | _  |          | -            | $\vdash$ | -  |  |
|           | 56       | ┝         | ┝            | <del> </del>                                     | $\vdash$                                     | <del> </del>                                     | -        | ┢┈           | -        | -  |  |
|           | 57       | <u> </u>  | <del> </del> | -  | -  | -  | ┢        | ⊢            | $\vdash$ | -  |  |
| $\vdash$  | 58       |           | $\vdash$     | -  | -  | $\vdash$   | ⊢        | ⊢            |          |  |  |
|           | 58<br>59 | $\vdash$  | _            | -  | -  | -  | ⊢        | ┢            | $\vdash$ | -  |  |
|           | 60       |           |              |  | _  | <del>                                     </del> | -        | -            | ⊢        | ┝  |  |
| -         | 61       | -         | ├            | -  | ┝  | ⊢  | _        | -            |          | $\vdash$   |  |
| <b></b>   | 62       |           | -            | <del>                                     </del> | ┝  | ⊢  |          | $\vdash$     | -        | -  |  |
| -         | 63       |           | ⊢            | -  | ⊢  | ŀ  | _        | -            | -        | -  |  |
|           | 64       | -         |              | -  |  | ┝  | _        | ⊢            | -        |  |  |
| -         | 65       | $\vdash$  | $\vdash$     | $\vdash$   | <del> </del>                                 | -  | -        | <del> </del> | ├        | $\vdash$   |  |
|           | 66       |           | _            | _  | -  | -  | ┝        | ├            | ⊢        | ⊢  |  |
|           | 67       | -         | _            | ⊢  | ⊢  | -  | _        |              | ├—       | ├  |  |
| -         | 60       | -         |              | ├  | ⊢  | ├  |          | -            | ⊢        | -  |  |
| -         | 68       | <b>-</b>  |              | <u> </u>   | _  |  |          | <u> </u>     |          | ├—   |  |
| <u> </u>  | 69       |           |              | <u> </u>   | <u>                                     </u> |  |          | _            | _        | <u> </u>   |  |
| <b> </b>  | 70       | <b> </b>  |              | ┡  | <u> </u>                                     |  | <u> </u> | ļ            | <u> </u> | <u> </u>   |  |
|           | 71       |           |              |  | _  | L  |          |              | <u> </u> | <u> </u>   |  |
|           | 72<br>73 | ┝         |              |  | <u> </u>                                     |  | _        |              | _        | <u> </u>   |  |
| ļ         | 73       | _         | _            | ļ  | _  | _  | L        |              |          | <u> </u>   |  |
|           | 74       |           |              | _  | _  | _  | <u> </u> | _            | L        | ļ  |  |
| <u> </u>  | 75       | _         | $\vdash$     | <u> </u>   |  | <u> </u>   | <u> </u> | <u> </u>     | _        | <u> </u>   |  |
|           | 76       |           |              |  |  | $\vdash$   | <u> </u> | _            | _        | _  |  |
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| <b>_</b>  | 79       |           |              | <u> </u>   |  | <u> </u>   |          | <u> </u>     | ļ        | _  |  |
| ļ         | 80       | _         |              | <u> </u>   | <u> </u>                                     | <u> </u>   | <u> </u> | <u> </u>     | <u> </u> |  |  |
| -         | 81       |           |              |  | <u> </u>                                     |  | <u> </u> |              | <u> </u> |  |  |
| <u> </u>  | 82       |           |              |  | 느  |  | L        | L            | _        | _  |  |
|           | 83       | _         |              |  |  |  |          | <u></u>      |          |  |  |
| <u> </u>  | 84       | Ш         |              |  |  | <u> </u>   |          |              |          |  |  |
| <u> </u>  | 85       | Ш         |              | _  | _  |  | _        |              |          | L.,  |  |
| ļ         | 86<br>87 | _         |              |  | _  | _  |          |              |          |  |  |
| <u> </u>  | 87       |           |              | _  |  | <u> </u>   |          | <u> </u>     | _        | _  |  |
| ļ         | 88       |           |              | _  |  | Ŀ  | _        | _            | _        |  |  |
| -         | 89       |           |              | <u> </u>   | _  |  |          |              | _        |  |  |
| <u> </u>  | 90       | $\Box$    | _            |  |  |  |          | _            |          |  |  |
| ļ         | 91       |           |              |  | <u> </u>                                     |  | L.,      | L            |          |  |  |
| -         | 92       | _         |              | <u> </u>   | <u> </u>                                     | Щ  |          | Щ            | <u> </u> |  |  |
|           | 93       | $\square$ |              | Ь  | Ш  | L_   | Ш        | <u> </u>     |          |  |  |
|           | 94       |           |              | L.,  | L  |  |          | <u> </u>     | L        |  |  |
|           | 95       | $\Box$    |              | <u> </u>   | L  |  |          |              | L        |  |  |
|           | 96       |           | _            |  | L  |  |          |              |          |  |  |
|           | 97       |           |              |  | L.,  |  |          |              | Ш        |  |  |
| <u></u>   | 98       |           |              |  | L  | Ш  |          |              | Щ        |  |  |
| $\square$ | 99       |           |              |  |  |  |          |              | Ш        |  |  |
| 1 1       | 100      |           | J            |  | i i  |  |          |              |          | 1 1  |  |

|       |                                 |          |   |          |   |              |                    |          | J  |                 |
|-------|---------------------------------|----------|---|----------|---|--------------|--------------------|----------|--|-----------------|
| Ci    | aim                             | Dato     |   |          |   |              |                    |          |  |                 |
| Uli   |                                 | Date     |   |          |   |              |                    |          | $\dashv$   |                 |
| Final | Original                        |          |   |          |   |              |                    |          |  |                 |
|       | 101                             | <u> </u> | 1   | Г        |   |              | <u> </u>           |          |  | Н               |
|       | 102                             |          | _   |          | Г   | $\vdash$     | Г                  | <u> </u> |  | П               |
|       | 103                             |          |   |          |   |              |                    |          |  | П               |
|       | 104                             |          |   |          |   |              |                    |          |  |                 |
|       | 103<br>104<br>105               |          |   |          |   |              |                    |          |  |                 |
|       | 106<br>107                      |          |   |          | _   | L            |                    |          |  |                 |
|       | 107                             | _        | $ldsymbol{ld}}}}}}$ | L_       | $ldsymbol{ld}}}}}}$ | ╙            | L                  | L.       | _  | Ш               |
|       | 108                             |          | L   | ļ        | <u> </u>  | ╙            | _                  | <u> </u> | _  | Ц               |
|       | 109                             | <u> </u> | _   | _        | L   | <u> </u>     | _                  | <u> </u> |  | Ш               |
|       | 110                             | ├-       | -   | _        | <u> </u>  | ļ            | _                  | ├        | _  | Ш               |
|       | 117                             | ├—       | $\vdash$  | <u> </u> | ⊢   | 1            | $\vdash$           | ├-       | ├-   | Н               |
|       | 110<br>111<br>112<br>113        | $\vdash$ |   | $\vdash$ | <del> </del>  | ⊢            |                    | $\vdash$ | ├  | Н               |
|       | 114                             | -        | -   | $\vdash$ | -   | <del> </del> | ├                  | ╁        | <del> </del>                                     | Н               |
|       | 114<br>115<br>116               | $\vdash$ |   | -        | Η.  | $\vdash$     | $\vdash$           | $\vdash$ | <del>                                     </del> | $\vdash \vdash$ |
|       | 116                             | -        | ┢   | _        | $\vdash$  | $\vdash$     | $\vdash$           | +        | $\vdash$   | Н               |
| -     | 117                             | $\vdash$ |   | -        | $\vdash$  | 一            | ┢                  | 1        | $\vdash$   | Н               |
|       | 117<br>118<br>119               | 1        |   |          | $\vdash$  | ┪            |                    |          | <b>!</b>   | H               |
|       | 119                             | $\vdash$ |   |          | <b> </b>  |              | T                  |          |  | П               |
|       | 120                             | <u> </u> |   |          |   |              |                    | Г        |  | П               |
|       | 121                             |          |   |          |   |              |                    |          |  | П               |
|       | 122                             |          |   |          |   |              | ·                  |          |  |                 |
|       | 120<br>121<br>122<br>123<br>124 |          |   |          |   |              |                    |          |  |                 |
|       | 124                             |          |   |          |   |              |                    |          |  |                 |
|       | 125                             |          | <u> </u>  |          | _   | L            |                    |          | L  | Ц               |
|       | 125<br>126<br>127               |          | Ľ.  |          | <u> </u>  | _            | L                  | <u>L</u> | _  | Ш               |
|       | 127                             | <u> </u> | <u> </u>  | _        | <u> </u>  | ļ            | <u> </u>           | <u> </u> |  | Ш               |
|       | 128<br>129<br>130               | <u> </u> | _   | <u> </u> |   | ļ            | -                  | <u> </u> | _  | $\vdash \dashv$ |
|       | 129                             | <u> </u> | H   | _        |   | -            | -                  | ⊢        | -  | H               |
|       | 131                             | _        |   |          | <del> </del>  |              | -                  | ├—       | -  | Н               |
|       | 131<br>132                      |          | -   | _        | ⊢   | _            | _                  | -        |  |                 |
|       | 133                             | _        | $\vdash$  | —        | <del> </del>  | -            | -                  | ├-       |  | Н               |
|       | 134                             | $\vdash$ |   |          | $\vdash$  | <del> </del> | -                  |          |  | $\vdash$        |
|       | 134<br>135                      | $\vdash$ |   | _        | $\vdash$  | <u> </u>     | ┢                  | $\vdash$ |  | $\dashv$        |
|       | 136                             | П        |   |          | · -   |              |                    | Т        |  | $\sqcap$        |
|       | 137<br>138                      |          |   |          |   |              |                    |          |  | П               |
|       | 138                             |          |   |          |   |              |                    |          |  |                 |
| ]     | 139                             |          |   |          |   |              |                    |          |  |                 |
|       | 140                             |          |   |          |   |              | $oxedsymbol{oxed}$ |          |  | Ш               |
|       | 141                             |          | Щ   |          | <u> </u>  | ļ.,          | <u> </u>           | <u> </u> | Ш  | Ш               |
|       | 142                             | $\vdash$ |   |          | <u> </u>  |              | <u> </u>           | $\vdash$ | $\vdash$   | Ш               |
|       | 143                             | _        |   |          | _   | <u>—</u>     | ļ                  | _        | <u> </u>   | Н               |
|       | 144<br>145                      | -        | _   |          | -   |              | $\vdash$           | -        | Щ  | $\square$       |
|       | 146                             | -        | $\dashv$  | _        | <u> </u>  | $\vdash$     | <u> </u>           | $\vdash$ | $\vdash$   | Н               |
|       | 147                             |          |   | _        |   | $\vdash$     | <del> </del>       |          | $\vdash$   | $\vdash \vdash$ |
|       | 148                             | -        |   |          | -   |              | -                  |          | H  | $\vdash \vdash$ |
| -     | 149                             |          | $\vdash$  | _        |   | -            |                    |          | -  | $\vdash$        |
|       | 150                             |          |   | -        | _   | Н            | -                  |          | $\vdash$   | $\dashv$        |
|       |                                 |          |   | _        |   |              |                    |          |  |                 |